Welcome to DialogClassic Web(tm)

```
 Dialog level 05.15.00D
Last logoff:  28dec06 13:29:46
Logon file001 28dec06 17:49:39
>>>PROFILE is in a suspended state.
>>>Contact Dialog Customer Services to re-activate it.
 * * *

File   1:ERIC 1965-2006/Nov
       (c) format only 2006 Dialog
 *File   1: ERIC has been reloaded effective Dec 1, 2006.
Accession numbers have changed.

      Set  Items  Description
      ---  -----  -----------
Cost is in DialUnits
?

B 155, 5, 73
       28dec06 17:49:46 User259876 Session D964.1
            $0.41    0.118 DialUnits File1
     $0.41  Estimated cost File1
     $0.03  INTERNET
     $0.44  Estimated cost this search
     $0.44  Estimated total session cost   0.118 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File 155:MEDLINE(R) 1950-2006/Dec 06
        (c) format only 2006 Dialog
 *File 155: MEDLINE has temporarily stopped updating with UD=20061206.
Please see HELP NEWS154 for details.
  File   5:Biosis Previews(R) 1969-2006/Dec W4
        (c) 2006 The Thomson Corporation
  File  73:EMBASE 1974-2006/Dec 28
        (c) 2006 Elsevier B.V.
 *File  73: Elsevier did not provide updates to Embase on 12/25 or 12/26.

      Set  Items  Description
      ---  -----  -----------
?

S (DSRNA) (S) (VECTOR)
          21575  DSRNA
         321979  VECTOR
      S1    317  (DSRNA) (S) (VECTOR)
?

S S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W) ELEGANS))
           317  S1
        182657  MICROORGANISM
       2124936  E
        729633  COLI
        221484  E(W)COLI
         67719  NEMATODE
       4445297  C
         47826  ELEGANS
         18069  C(W)ELEGANS
      S2    26  S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C
               (W) ELEGANS))
?
```

```
S S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
             26  S2
          20184  T7
          56528  T3
           1990  SP6
         365049  PROMOTER
           3418  ((T7 OR T3) OR SP6)(W)PROMOTER
      S3      0  S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
?


Set     Items   Description
S1        317   (DSRNA) (S) (VECTOR)
S2         26   S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W)
               ELEGANS))
S3          0   S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
?

RD S2
      S4      16  RD S2  (unique items)
?

S S4 NOT PY>1998
             16  S4
       12808416  PY>1998
      S5      7  S4 NOT PY>1998
?

T S5/3,K/ALL

  5/3,K/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

11809139   PMID: 9634098
 Citrus psorosis virus: nucleotide sequencing of the coat protein gene and
 detection by hybridization and RT-PCR.
  Barthe G A; Ceccardi T L; Manjunath K L; Derrick K S
  Citrus Research and Education Center, IFAS, University of Florida, Lake
Alfred 33850, USA. gab@icon.lal.ufl.edu
  Journal of general virology (ENGLAND)  Jun 1998,  79 ( Pt 6)  p1531-7,
ISSN 0022-1317--Print  Journal Code: 0077340
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed

  ... cDNA library of purified short particles from isolate CPV-4 was
prepared in a Lambda vector and screened for expression of the coat
protein gene (CPG) with a monoclonal antibody to...

... clones indicated a single ORF encoding a 49 kDa protein. This ORF, when
expressed in E . coli , gave a protein identical in size and
immunoreactivity to the CPV coat protein. A full...
... the CPG was not found on RNA extracted from long particles or on the
sedimentable dsRNA from CPV infected tissue. RT-PCR assays were developed
for the amplification of a 600...
```

5/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

11233725. PMID: 9007060
Complementation of deletion of the vaccinia virus E3L gene by the Escherichia coli RNase III gene.
Shors T; Jacobs B L
Department of Microbiology and the Graduate Program in Molecular and Cellular Biology, Arizona State University, Tempe, Arizona, 85287-2701, USA.
Virology (UNITED STATES) Jan 6 1997, 227 (1) p77-87, ISSN 0042-6822 --Print Journal Code: 0110674
Contract/Grant No.: CA-48654; CA; NCI
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

... vaccinia virus that is deleted of its E3L gene. Like E3L, rnc+ codes for a dsRNA binding protein that contains an additional nucleolytic activity. Rnc genes were cloned into the eukaryotic expression vector pMTVa-, expressed in COS-1 cells, and shown to be functional. Transient rescue experiments in...
... gene, which encodes a product deficient in catalytic activity but still capable of binding to dsRNA , rescued vp1080 weakly. The rnc 105 gene, which encodes a product that cannot bind or cleave dsRNA , was unable to rescue vp1080. The rnc genes were also inserted into the E3L locus...

... in the recombinant containing the rnc+ gene: Thus, the ability of RNase III to process dsRNA appears to be necessary to restore the host range phenotype. The vp-rnc 105 recombinant...
...Enzyme No.: Endoribonucleases); EC 3.1.26.3 (Ribonuclease III); EC 3.1.26.3 (ribonuclease III, E coli)
...Chemical Name: Proteins; Recombinant Proteins; Viral Proteins; Poly I; Poly C; Interferons; Endoribonucleases; Ribonuclease III; ribonuclease III, E coli

5/3,K/3 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0011015365 BIOSIS NO.: 199799649425
Coat protein gene of a Brazilian isolate of the citrus tristeza virus: Cloning, expression in E. coli and production of polyclonal antiserum
AUTHOR: Targon Maria L P N (Reprint); Nikolaeva Olga; Manjunath Keremane L; Lee Richard F; Muller Gerd W (Reprint); Machado Marcos A (Reprint)
AUTHOR ADDRESS: Centro de Citricultura Sylvio Moreira, Inst. Agronomico de Campinas, Caixa Postal 4, 13490-970 Cordeiropolis, SP, Brazil**Brazil
JOURNAL: Fitopatologia Brasileira 22 (1): p99-102 1997 1997
ISSN: 0100-4158
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

Coat protein gene of a Brazilian isolate of the citrus tristeza virus: Cloning, expression in E . coli and production of polyclonal antiserum

ABSTRACT: A double stranded RNA (dsRNA) corresponding to the single stranded RNA replicative form of citrus tristeza virus (CTV) was isolated ...

...infected lyophilized bark tissue of sweet orange (Citrus sinensis L. Osb.) Pera Ipigua. The CTV dsRNA was used as a template for the first strand cDNA synthesis by MuMLV reverse transcriptase...

...amplified by PCR using CTV specific primers. The amplification product was cloned into the expression vector pMAL-c2 and transformed into DH 5-alpha E . coli cells. The expression of the fusion protein (CTV coat protein fused to a fragment of the E . coli maltose binding protein) was induced by IPTG. The protein was purified by amylose resin affinity ...

5/3,K/4 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0010694949 BIOSIS NO.: 199799329009
Characterization of cucurbit yellow stunting disorder virus, a Bemisia tabaci-transmitted closterovirus
AUTHOR: Celix Ana; Lopez-Sese Anabel; Almarza Nuria; Gomez-Guillamon Maria Luisa; Rodriguez-Cerezo Emilio (Reprint)
AUTHOR ADDRESS: Cent. Nac. Biotecnol.-CSIC, Catoblanco, 28049 Madrid, Spain **Spain
JOURNAL: Phytopathology 86 (12): p1370-1376 1996 1996
ISSN: 0031-949X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: shown to be transmitted specifically by the tobacco whitefly (Bemisia tabaci), was retained by the vector for at least 7 days, and had an experimental host range restricted to members of...

...and 875 to 900 nm. Analysis of double-stranded (ds) RNA extracts revealed two major dsRNA species of approximately 8 and 9 kbp. Random cDNA cloning of viral dsRNA was performed, and a virus-specific cDNA clone (p410) of 557 nucleotides that hybridized with the smaller of the two viral dsRNA species was identified. Computer-assisted analysis showed that the deduced amino acid sequence of p410...
DESCRIPTORS:
...ORGANISMS: microorganism (Microorganisms

5/3,K/5 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0009804513 BIOSIS NO.: 199598272346
A comovirus affecting tabasco pepper in Central America
AUTHOR: Valverde R A; Black L L; Dufresne D J
AUTHOR ADDRESS: Dep. Plant Pathol. Crop Physiol., La. Agric. Exp. Stn., La. State Univ. Agric. Cent., Baton Rouge, LA 70803-7511, USA**USA
JOURNAL: Plant Disease 79 (4): p421-423 1995 1995
ISSN: 0191-2917
DOCUMENT TYPE: Article

RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: mottle in C. annuum. The virus was purified, and an antiserum was prepared. Viral ssRNA, dsRNA ., and coat protein were analyzed by gel electrophoresis. Light and electron microscopy studies indicated that...

...bean pod mottle viruses. The banded cucumber beetle (Diabrotica balteata) was determined to be a vector of APMV-P.
DESCRIPTORS:
...ORGANISMS: microorganism (Microorganisms

5/3,K/6 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0009223438 BIOSIS NO.: 199497244723
Detection of grapevine leafroll-associated closterovirus III by molecular hybridization
AUTHOR: Saldarelli P (Reprint); Minafra A; Martelli G P; Walter B
AUTHOR ADDRESS: Dip. Prot. Piante, Univ. degli Studi, Cent. Studi, Via Amendola 165/A, 70126 Bari, Italy**Italy
JOURNAL: Plant Pathology (Oxford) 43 (1): p91-96 1994 1994
ISSN: 0032-0862
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: and enzymatic digestion. Complementary (c) DNA fragments of various lengths, obtained by random priming denatured dsRNA templates, were cloned into the plasmid pUC-18 at the SmaI site in Escherichia coli ...

...grapevine closterovirus A (GVA) and B (GVB). A riboprobe (pGEM23ds) transcribed from p23ds in transcription vector pGEM3zf specifically recognized GLRaV III sequences, but not GLRaV I or GVA sequences, in extracts from differently infected vines. Moreover, in Northern blots, the same probe hybridized also with smaller dsRNA components, which may be replicative forms of subgenomic RNAs.
DESCRIPTORS:
...ORGANISMS: microorganism (Microorganisms

5/3,K/7 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE

00808222 EMBASE No: 1977153733
Electrophoretic separation of dsRNA genome segments from maize wallaby ear virus and its relationship to other phytoreoviruses
Reddy D.V.R.; Grylls N.E.; Black L.M.
Dept. Genet. Developm., Univ. Illinois, Urbana, Ill. 61801 United States
Virology (VIROLOGY) 1976, 73/1 (36-42)
CODEN: VIRLA
DOCUMENT TYPE: Journal
LANGUAGE: ENGLISH

...10sup 6 in PTE and Loening's buffer, respectively. Extracts from the virus free leafhopper vector , Cicadulina bimaculata, contained two dsRNA

segments of molecular weight 1.15 x 10sup 6 and 1.08 x 10sup 6 in PTE buffer. Extracts from viruliferous insects also contained these same 2 dsRNA segments in addition to the 10 segments of maize wallaby ear virus. The electrophoretic pattern of dsRNA components of maize wallaby ear virus was similar to those of maize rough dwarf virus...
MEDICAL DESCRIPTORS:
in vitro study; theoretical study; microorganism ; classification; plant
?

```
Set     Items   Description
S1        317   (DSRNA) (S) (VECTOR)
S2         26   S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W)
               ELEGANS))
S3          0   S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
S4         16   RD S2  (unique items)
S5          7   S4 NOT PY>1998
?

S S1 NOT PY>1998
          317  S1
     12808416  PY>1998
      S6   92  S1 NOT PY>1998
?

RD
      S7   46  RD  (unique items)
?

S S7 AND T7
           46  S7
        20184  T7
      S8    3  S7 AND T7
?

T S8/3,K/ALL
```

8/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
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10790910 PMID: 8576179
Double-stranded (ds) RNA binding and not dimerization correlates with the activation of the dsRNA-dependent protein kinase (PKR).
Wu S; Kaufman R J
Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor 48109, USA.
Journal of biological chemistry (UNITED STATES) Jan 19 1996, 271 (3) p1756-63, ISSN 0021-9258--Print Journal Code: 2985121R
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Upon binding to double-stranded (ds) RNA, the dsRNA -dependent protein kinase (PKR) sequentially undergoes autophosphorylation and activation. Activated PKR may exist as a...

... to inhibit polypeptide chain initiation. Transfection of COS-1 cells

with a plasmid cDNA expression vector encoding a marker gene, activates endogenous PKR, and selectively inhibits translation of the marker mRNA, dihydrofolate reductase (DHFR). This system was used to study the dsRNA binding and dimerization requirements for over-expressed PKR mutants and subdomains to affect DHFR translation...

... an ATP hydrolysis defective mutant PKR K296P, the amino-terminal 1-243 fragment containing two dsRNA binding motifs, or the isolated first RNA binding motif (amino acids 1-123). Mutation of K64E within the dsRNA binding motif 1 destroyed dsRNA binding and the ability to rescue DHFR translation. Immunoprecipitation of T7 epitope-tagged PKR derivatives from cell lysates detected interaction between intact PKR and the amino...

... disrupt this interaction. In contrast, intact PKR did not interact with fragments containing the first dsRNA binding motif (1-123), the second dsRNA binding motif (98-243), or the isolated PKR kinase catalytic domain (228-551). These results...

... the dominant negative PKR mutant does not require dimerization, but requires the ability to bind dsRNA and indicate these mutants act by competition for binding to activators.

8/3,K/2 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

08587594 PMID: 2216712
Removal of double-stranded contaminants from RNA transcripts: synthesis of adenovirus VA RNAI from a T7 vector.
Mellits K H; Pe'ery T; Manche L; Robertson H D; Mathews M B
Cold Spring Harbor Laboratory, New York, NY 11724.
Nucleic acids research (ENGLAND) Sep 25 1990, 18 (18) p5401-6,
ISSN 0305-1048--Print Journal Code: 0411011
Contract/Grant No.: CA13106; CA; NCI; GM28294; GM; NIGMS
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Removal of double-stranded contaminants from RNA transcripts: synthesis of adenovirus VA RNAI from a T7 vector.
... lead to errors of interpretation. We cloned the gene encoding Ad2 VA RNAI into a vector containing a T7 RNA polymerase promoter in order to generate large quantities of VA RNA for the study of its interaction with the dsRNA -dependent protein kinase DAI. Exact copies of VA RNAI were synthesized efficiently, but were contaminated with small amounts of dsRNA which activated DAI and confounded interpretation of kinase assays. We therefore developed a method to remove the dsRNA contaminants, allowing VA RNAI and mutants to be tested for their ability to activate or...

8/3,K/3 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0007337491 BIOSIS NO.: 199090121970
REMOVAL OF DOUBLE-STRANDED CONTAMINANTS FROM RNA TRANSCRIPTS SYNTHESIS OF ADENOVIRUS VA RNA-1 FROM A T7 VECTOR

AUTHOR: MELLITS K H (Reprint); PE'ERY T; MANCHE L; ROBERTSON H D; MATHEWS M B
AUTHOR ADDRESS: COLD SPRING HARBOR LAB, PO BOX 100, COLD SPRING HARBOUR, NEW YORK, NY 11724, USA**USA
JOURNAL: Nucleic Acids Research 18 (18): p5401-5406 1990
ISSN: 0305-1048
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

...OF DOUBLE-STRANDED CONTAMINANTS FROM RNA TRANSCRIPTS SYNTHESIS OF ADENOVIRUS VA RNA-1 FROM A T7 VECTOR

...ABSTRACT: lead to errors of interpretation. We cloned the gene encoding Ad2 VA RNA1 into a vector containing a T7 RNA polymerase promoter in order to generate large quantities of VA RNA for the study of its interaction with the dsRNA -dependent protein kinase DAI. Exact copies of VA RNA1 were synthesized efficiently, but were contaminated with small amounts of dsRNA which activated DAI and confounded interpretation of kinase assays. We therefore developed a method to remove the dsRNA contaminants, allowing VA RNA1 and mutants to be tested for their ability to activate or...
DESCRIPTORS: BACTERIOPHAGE T7 RNA POLYMERASE CLONE
?

```
Set     Items   Description
S1        317   (DSRNA) (S) (VECTOR)
S2         26   S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W)
              ELEGANS))
S3          0   S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
S4         16   RD S2  (unique items)
S5          7   S4 NOT PY>1998
S6         92   S1 NOT PY>1998
S7         46   RD  (unique items)
S8          3   S7 AND T7
?

S S7 AND (SPECIFIC (W) INTERFERENCE)
              46  S7
         3026758  SPECIFIC
          148278  INTERFERENCE
             601  SPECIFIC(W)INTERFERENCE
      S9       0  S7 AND (SPECIFIC (W) INTERFERENCE)
?

Set     Items   Description
S1        317   (DSRNA) (S) (VECTOR)
S2         26   S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W)
              ELEGANS))
S3          0   S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
S4         16   RD S2  (unique items)
S5          7   S4 NOT PY>1998
S6         92   S1 NOT PY>1998
S7         46   RD  (unique items)
S8          3   S7 AND T7
S9          0   S7 AND (SPECIFIC (W) INTERFERENCE)
?
```

```
S (DSRNA) AND (T7 AND PLASMID)
          21575  DSRNA
          20184  T7
         213767  PLASMID
     S10     26  (DSRNA) AND (T7 AND PLASMID)
?

RD
     S11     13  RD  (unique items)
?

S S11 NOT PY>1998
             13  S11
       12808416  PY>1998
     S12      5  S11 NOT PY>1998
?

T S12/3,K/ALL

  12/3,K/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

11313803   PMID: 9126552
 Synthesis and purification of single-stranded RNA for use in experiments
 with PKR and in cell-free translation systems.
  Pe'ery T; Mathews M B
  Cold Spring Harbor Laboratory, New York 11724, USA. peeryts@umdnj.edu
  Methods (San Diego, Calif.) (UNITED STATES)  Apr 1997,  11  (4)  p371-81
,  ISSN 1046-2023--Print  Journal Code: 9426302
  Contract/Grant No.: AI31802; AI; NIAID; AI34552; AI; NIAID; CA13106; CA;
NCI
  Publishing Model Print
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed

  ... of the initiation of protein synthesis. It can be activated by very
low concentrations of dsRNA and inhibited by small structured RNAs or
high concentrations of dsRNA . The best-studied inhibitor of PKR
activation is adenovirus VA RNA1. Its gene was cloned into a plasmid
 under the control of the T7 RNA polymerase promoter, and the
optimization of VA RNA transcription is described. A dsRNA by-product of
the transcription reaction activates PKR in kinase autophosphorylation
assays, and hence a purification protocol that allows the separation and
removal of dsRNA contaminants was developed. A scheme to analyze the RNA
product with specific nucleases is discussed. In a reticulocyte cell-free
translation system the activation of PKR by dsRNA contaminating a
synthetic mRNA preparation is likely to lead to shut-off of translation. An
...
  ; Bacteriophage T7 --genetics--GE; Cell-Free System; Electrophoresis,
Polyacrylamide Gel; RNA, Messenger--genetics--GE; RNA, Viral--isolation...


  12/3,K/2     (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2006 Dialog. All rts. reserv.

10790910   PMID: 8576179
```

Double-stranded (ds) RNA binding and not dimerization correlates with the activation of the dsRNA-dependent protein kinase (PKR).

Wu S; Kaufman R J
Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor 48109, USA.

Journal of biological chemistry (UNITED STATES) Jan 19 1996, 271 (3) p1756-63, ISSN 0021-9258--Print Journal Code: 2985121R
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

Double-stranded (ds) RNA binding and not dimerization correlates with the activation of the dsRNA -dependent protein kinase (PKR).

Upon binding to double-stranded (ds) RNA, the dsRNA -dependent protein kinase (PKR) sequentially undergoes autophosphorylation and activation. Activated PKR may exist as a...

... cIF-2 alpha) to inhibit polypeptide chain initiation. Transfection of COS-1 cells with a plasmid cDNA expression vector encoding a marker gene, activates endogenous PKR, and selectively inhibits translation of the marker mRNA, dihydrofolate reductase (DHFR). This system was used to study the dsRNA binding and dimerization requirements for over-expressed PKR mutants and subdomains to affect DHFR translation...

... an ATP hydrolysis defective mutant PKR K296P, the amino-terminal 1-243 fragment containing two dsRNA binding motifs, or the isolated first RNA binding motif (amino acids 1-123). Mutation of K64E within the dsRNA binding motif 1 destroyed dsRNA binding and the ability to rescue DHFR translation. Immunoprecipitation of T7 epitope-tagged PKR derivatives from cell lysates detected interaction between intact PKR and the amino...

... disrupt this interaction. In contrast, intact PKR did not interact with fragments containing the first dsRNA binding motif (1-123), the second dsRNA binding motif (98-243), or the isolated PKR kinase catalytic domain (228-551). These results...

... the dominant negative PKR mutant does not require dimerization, but requires the ability to bind dsRNA and indicate these mutants act by competition for binding to activators.

12/3,K/3 (Item 3 from file: 155)

10054576 PMID: 7514825

Expression of the non-structural protein NS1 of bluetongue virus in bacteria and yeast: identification of two antigenic sites at the amino terminus.

Gould A R; Martyn J C; Stevenson L
C.S.I.R.O., Australian Animal Health Laboratory, Geelong, Victoria.

Virus research (NETHERLANDS) Mar 1994, 31 (3) p291-303, ISSN 0168-1702--Print Journal Code: 8410979
Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

cDNA transcribed from bluetongue virus serotype 1 (Australia) dsRNA 5 coding for non-structural protein NS1 was amplified in a polymerase chain reaction and ligated downstream of the T7 RNA polymerase promoter in the bacterial expression plasmid pET-5b, as a fusion protein with glutathione S-transferase using the pGEX bacterial expression system or the metallothionein promoter in the yeast expression plasmid pYELC5. The linear epitopes bound by six monoclonal antibodies to NS1 were localised to two...

12/3,K/4 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0010322930 BIOSIS NO.: 199698790763
Translation of the reovirus M1 gene initiates from the first AUG codon in both infected and transfected cells
AUTHOR: Zou S; Brown E G (Reprint)
AUTHOR ADDRESS: Dep. Microbiology Immunology, Fac. Med., Univ. Ottawa, 451 Smyth Road, Ottawa, ON K1H 8M5, Canada**Canada
JOURNAL: Virus Research 40 (1): p75-89 1996 1996
ISSN: 0168-1702
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: in loss of detection of mu-2 expression. When expression was driven by the stronger T7 promoter in the presence of recombinant vaccinia virus expressing the T7 RNA polymerase, constructs with the M1 5'-terminal deletion produced a smaller protein product of...

...that the apprx 73 kDa product was expressed when the M1 gene was in different plasmid backgrounds and even when the M1 gene transcript was preceded by a 1 kb gene...
DESCRIPTORS:
...BIOSYSTEMATIC NAMES: dsRNA Viruses, Viruses, Microorganisms

12/3,K/5 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0007677865 BIOSIS NO.: 199191060756
EXPRESSION OF BLUETONGUE VIRUS SEROTYPE 17 NS1 PROTEIN FROM A CLONED GENE
AUTHOR: GRUBMAN M J (Reprint)
AUTHOR ADDRESS: US DEP AGRIC, ARS, NAA, PLUM ISLAND ANIMAL DISEASE CENTER, PO BOX 848, GREENPORT, NY 11944, USA**USA
JOURNAL: Virus Research 18 (1): p21-28 1990
ISSN: 0168-1702
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

...ABSTRACT: overlapping cDNA clones. The gene coding for the NS1 protein was cloned into an expression plasmid under the control of a bacteriophage T7 promoter and expressed both in vitro and in Escherichia coli BL21(DE3) cells which contain a T7 RNA polymerase gene in their chromosome. Expression in both systems resulted in the synthesis of...

```
DESCRIPTORS: ARBOVIRUS ESCHERICHIA-COLI BACTERIOPHAGE  T7  PROMOTER
COMPLEMENTARY DNA CLONE PROTEIN SYNTHESIS
DESCRIPTORS:
  ...BIOSYSTEMATIC NAMES:  dsRNA  Viruses, Viruses, Microorganisms
?


Set     Items   Description
S1        317   (DSRNA) (S) (VECTOR)
S2         26   S1 AND (MICROORGANISM OR (E (W) COLI) OR NEMATODE OR (C (W)
               ELEGANS))
S3          0   S2 AND ((T7 OR T3 OR SP6) (W) PROMOTER)
S4         16   RD S2  (unique items)
S5          7   S4 NOT PY>1998
S6         92   S1 NOT PY>1998
S7         46   RD  (unique items)
S8          3   S7 AND T7
S9          0   S7 AND (SPECIFIC (W) INTERFERENCE)
S10        26   (DSRNA) AND (T7 AND PLASMID)
S11        13   RD  (unique items)
S12         5   S11 NOT PY>1998
?

COST
       28dec06 17:56:51 User259876 Session D964.2
            $4.79    1.410 DialUnits File155
               $1.54  7 Type(s) in Format  3
            $1.54  7 Types
     $6.33  Estimated cost File155
            $9.60    1.599 DialUnits File5
              $15.40  7 Type(s) in Format  3
           $15.40  7 Types
    $25.00  Estimated cost File5
           $13.91    1.242 DialUnits File73
               $3.10  1 Type(s) in Format  3
            $3.10  1 Types
    $17.01  Estimated cost File73
            OneSearch, 3 files,  4.251 DialUnits FileOS
     $2.13  INTERNET
    $50.47  Estimated cost this search
    $50.91  Estimated total session cost   4.368 DialUnits
?
```

Return to logon page!

Refine Search

Search Results -

Term	Documents
FIRE-ANDREW	10
FIRE-ANDREWS	0
FIRE-ANDREW.IN..PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10
(FIRE-ANDREW.IN.).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	10

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L10

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Thursday, December 28, 2006 Purge Queries | Printable Copy | Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND			
L10	Fire-Andrew.in.	10	L10
L9	L6 and (C adj elegans)	162	L9
L8	L7 and L6	7	L8
L7	((identical or "same") adj promoters)	2993	L7
L6	L4 not L5	189	L6
L5	L4 and ((T7 or T3 or SP6) adj promoter)	58	L5
L4	L3 same (microorganism or coli or nematode or elegans)	247	L4

L3	(dsRNA) same (vector)	1035	L3
L2	L1 and (dsRNA)	10	L2
L1	Plaetinck-Geert.in.	18	L1

END OF SEARCH HISTORY

PALM INTRANET

Day : Thursday
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Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
Plaetinck	Geert	Search

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